

# KERN HCD 100K-2D

High-resolution crane scale for loads up to 60 kg; 150 kg



## Category

Brand	KERN
Product category	Industrial scale
Product group	Crane scale
Product family	HCD

## Measuring System

Construction type of the scale	Multi-division balance
Weighing system	Strain gauge
Weighing capacity [Max]	60 kg; 150 kg
Readability [d]	0,02 kg; 0,05 kg
Resolution	3.000, 3.000
Linearity	± 0,04 kg; 0,1 kg
Reproducibility	0,02 kg; 0,05 kg
Default unit	kg

Units	kg
	lb
	N

Adjustment options	Adjusting with external weight
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Recommended adjusting weight	100 kg (M1)
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Possible calibration points	150 kg
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Stabilization time	2 s
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Warm-up time	10 min; 10 min
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Eccentric/Off-centre loading is not possible	✓
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Maximum creep (15 minutes)	200 g
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Maximum creep (30 minutes)	400 g
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Loadcell type	aluminium
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Tolerance (% of [Max])	0,2%
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## Approval

CE mark	✓
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## Display

Display type	LCD
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Display backlight	✓
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Display digit height	28 mm
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Languages of the user interface	Symbol language
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## Construction

Dimension display device (W×D×H)	150×79×97 mm
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Dimension housing (W×D×H)	150×79×97 mm
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Dimensions housing - width (A)	150 mm
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Dimensions housing - depth (B)	79,3 mm
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Dimensions housing - height/length (C)	97,7 mm
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Dimensions - total height/total length (D)	276,1 mm
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Dimensions loop/top - thickness (H)	9,6 mm
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Dimensions hook/bottom - hole diameter (G)	18 mm
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Dimensions - inner length (E)	246,5 mm
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Dimensions loop/top - hole diameter (F)	26 mm
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Dimensions hook/bottom - thickness (I)	17 mm
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Dimensions completely mounted (W×D×H)	150×79×276 mm
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Material display housing	Plastics
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Material housing	plastic
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Material load hook	stainless steel
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Material load cell(s)	aluminium
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Load cells - number	1
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## Functions

Number of keys for operation	4
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Auto-off interval(s) in mains power mode	3 min
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Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
	5 min
	10 min
	30 min
	20 min

Tare function	manual (multi)
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Hold function	✓
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Function for averaging under unstable weighing conditions	✓
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# KERN

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Peak function ✓

## Power Supply

Supplied power supply	Battery
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	50 h
Battery	4×1.5 V AA
Battery / accumulator type	Alkali(-Manganese)
Battery connection	Battery insert
Battery voltage	6 V
Battery operating time	100 h

## Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	40 °C
Storage temperature [Max]	60 °C

## Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	290×220×140 mm
Net weight	1,06 kg
Shipping method	Parcel service
Net weight approx.	1,2 kg
Gross weight approx.	1,6 kg
Shipping weight	1,8 kg

## Services (optional)

Article number for adjustment at the location of installation	961-249
Article number for DAkkS calibration	963-129H
Article number for certificate of conformity (verification)	969-517

## Pictograms

### STANDARD



### OPTION

